

### THE NEW PREZ SEZ

It looks like we have another new executive this year. The honour of President falls upon myself VE3VUK (Mark Vukovitch or just "VUK"). Our Vice President once again is the capable Steve Robb VE3KRH. As secretary we welcome VE3TEI, Ryan Jensen. Skip VE3BBS continues as Treasurer. The new board members are Len VE3ILV, Norm VE3XRC, Glen ICY, and Dave VE3DOM.

No list would be complete without mention of the HI-Q Editors Ed VE3SNW and Jim O'Brien, a soon to be amateur with a brand new computer.

With a list of HAMS like that we cannot go wrong. As a new guy, I should introduce myself. Born and raised in Thunder Bay and lived here all my life, except for 7 to 8 years spent in London, Ontario, where I learned to fill and drill, and even straighten a few teeth. Yup, a dentist (scared yet?) in fact an Orthodontist (OK now yer scared). I was licensed on July 18, 1990 and was "grandfathered" which gave me more privileges than my grandfather ever had. I'm honoured that I've been selected as President of the L.A.R.C. after so short a time in the hobby.

I would like to thank Glen Anderson VE3JAU for his past commitment to the club as president and hope that he has some time to spare to set me off in the right direction in his old shoes. He tells me that he is pleased that he will have more time to spend with his duties with the Nolalu Volunteer Fire Department. Thanks again Glen.

I have some past experience as "speaker of the house" which will hopefully help me keep the club meetings interesting and in order. I'm actually a pretty boring guy so I'm gonna lean heavily on some of

the more interesting members in our club. One important thing to remember at the meetings is that the majority will rule, if someone thinks an issue has been talked to death PLEASE make a motion to close or vote on it. Keep the well being of the club in mind, and when it's time for coffee SPEAK UP so we can take a break. Lets keep the meetings rolling so we can "order" the pizza and keep the majority happy! On that note I bid you 73 for now, see you at the meeting.

### VE3WCT & CO. MAKE A PRESENTATION

On October 25th, a presentation was made to KIDS CLUB at the Westfort Baptist Church by Tim VE3WCT and his wife Sandra VE3WSL. They constructed an antenna for 24 Mhz and made a scheduled meet with Nestor VE3NPS. Several of the kids were able to speak with Nestor, and Nestor gave a very good accounting of Amateur Radio over the air. Then they switched to two meters and several of the kids spoke with Brian VE3UKE, who extolled the virtues of that band. Good Work Tim and Sandy.

### MEETING AGENDA FOR NOV. 14/91

Call to order, and greeting to newcomers. A short business meeting will include a reading of the last minutes with acceptance after errors or omissions have been corrected. The president's report will detail the Christmas meeting December 12/91, the planned spring Swap meet, and ideas and volunteers for presentations. The vice-president will report on the telephone line status at YQT. After the Treasurers report, some other items of timely interest will be revealed. Old and New business will be followed by a motion to close the business meeting which will be followed by three presentations by VE3BBS, VE3TKA and VE3AJ. Because it is expected that

-Q NOV 1991.

many non-hams will be there the business portion will commence as soon as possible and members are asked to keep this portion of the meeting very short.

### PLANNING AHEAD

The December meeting will be our Christmas Meeting and some fun is planned. After a short business meeting, better brush up your toes and your code for a QLF CONTEST, (Quick Left Foot). There will also be a gift exchange, but here's some rules. Bring something from your shack you don't need anymore but someone else may be able to use. Wrap it up nice, and your name will go into a hat so that you will also receive a "gift". If you absolutely must buy something, keep it below five bucks. Some ideas are connectors, tape, magazines, or other redundant junk. One persons junk is anothers Christmas Present! If we are all really really nice, Santa may show up with doughnuts! Mark wants to know who Doughnuts is!

Planned for January 9/91 - regular business and VE3AJ on CW Contests and his new keyer.

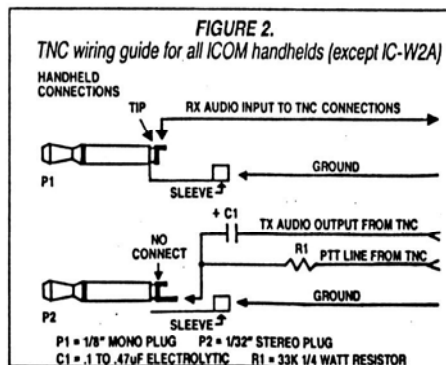
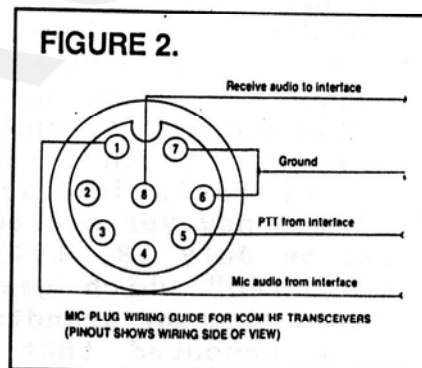
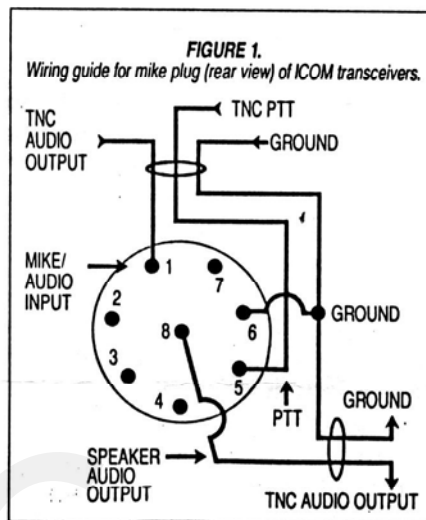
### UP SHE GOES!

After many many hours of planning and some very hard work by the LARC technical crew, including VE3BCD, VE3NHX, VE3BBS, VE3ILV, VE3DOM and many others, the new repeater will hopefully ascend Mt. Baldy on November 10th. This is, of course, pending some more mundane details like obtaining permission from CKPR to attend the site on that day, and the weather. At any rate, it shall be soon. Congratulations to the crew for their dedication and tremendous effort to the project.

### TECH TIPS

Here's some pin outs and wiring diagrams for ICOM to tnc

connections.



## FCC Amends Rules To Relocate Novice And Technician Operator Frequency Privileges In The 80 Meter Band

The Commission amended its rules to relocate Novice and Technician Operator Class control operator frequency privileges in the 80 meter (m) amateur service band from the 50 kHz segment at 3700-3750 kHz to the segment at 3675-3725 kHz. This rule change will reduce the amount of mutual interference between United States amateur stations and Canadian amateur stations, and provide Novice and Technician Class control operators with more opportunities to improve their telegraphy skills.

Commission rules authorize amateur stations with a control operator holding a Novice or Technician operator license to transmit telegraphy in the 80 m Novice segment. This segment is designed so that beginning amateur radiotelegraphers can gain actual experience in sending and receiving telegraphy messages. In Canada, however, frequencies in the upper half of the 80 m Novice segment are used by amateur stations for telephony transmission, thus creating the potential for interference when U.S. station transmits telegraphy on the same channel and at the time as the Canadian station. Relocation of the 80 m Novice segment to 3675-3725 kHz provides a solution to the mutual interference problem.

The Commission, however, declined to adopt a proposal by the American Radio League to expand the 80 m Novice segment by 25 kHz. Although the Novice

and Technician Class operators would have access to a larger frequency segment in the 80 m band, they would have to share it with large frequency segment in the 80 m band, they would have to share it with large numbers of United States stations transmitting with a higher power. Rather than less interference to stations, the Commission said that the likelihood existed for more.

## Red Hot Fries

McDonald's workers in Shawnee, Kansas were trying to handle the noon-hour rush when suddenly they began to get something weird on their headsets. Instead of the usual orders for a Big Mac, fries and a chocolate shake," they began to hear something, well, sexy.

"Gentlemen," said the voice that invaded the Golden Arches, "You can invite the lovely models over to your table to investigate the quality of this sexy lingerie. It's perfectly OK to offer them money..."

The voice turned out to be coming from nearby Ziegfeld's Restaurant and Bar, which had recently been closed after a local judge ruled its exotic dancing shows violated a city zoning ordinance which prohibits live entertainment in the area of the Kansas City suburb.

The restaurant reopened saying that it would offer a "fashion show" featuring "girls, girls, girls" in lingerie and bathing suits.

A quick call to Ziegfeld's solved the problem for McDonald's. Problems were only beginning for Ziegfeld's, however, which was closed by police several hours later. Thirteen citations were issued, including one for nudity.

## Cordless Hackers

Rod Pearson forwarded clipping from a computer newsletter about several cordless phone scams. The newsletter (title and source unknown since the donor was anonymous) stated that computer hackers who want to hack into systems and don't want the call traced to their location are using cordless phones and portable computers to foil computer security systems. Some computer systems automatically trace calls or display the number of the caller making it difficult to break in for the hacker. Hackers have found a way to get around this using cordless phones.

This is how it supposedly works. A hacker using a battery powered portable computer, acoustic modem and a cordless phone (the most popular units being used is a Sony 10 channel unit) roams around the town scanning the cordless phone channels (the Sony unit does this automatically). The hacker does this until he comes across a conversation or dial tone.

The hacker then connects the targeted computer via the cordless phone, using the line provided by the hapless cordless phone user! If there is a trace on the line it comes back to the number of the cordless phone user, not the hacker. If enough cordless lines in a city were detected in a systematic search by a hacker he could conceivably move from place to place making calls at random and avoiding the authorities!

Another scary thing mentioned in the newsletter was the fact that hackers and phone freaks could use the cordless lines found to make lengthy long distance calls that would be charged to the cordless phone owner's number. Just another reason to unplug that cordless phone!

## Bleak Radio Picture

Radio was not one of the United States military's bright spots during the recent Gulf War. According to information now leaking out of Washington, soldiers involved in Operation Desert Storm were forced to use Vietnam-era radios that proved to be "unreliable, too short in range, and inadequate for modern combat."

In fact, says a report in *Army Times*, Marines based opposite Iraqi forces in Saudi Arabia said that the VRC-12's performed so poorly that troops often needed vehicles and visual signals to exchange information.

Officials admit that the radios normally fail on average every 200

of the desert reduced their reliability even further.

"What do you expect?" said one Defense Department official. "They're 30 year old radios."

The Marine Corps and Army relied heavily on the old RC-12 class of radios because the Army has taken 16 years to get the new Single Channel Ground and Airborne Radio System, or SINCGARS, into full-scale production.

SINCGARS have better reliability, improved performance and range over the VRC-12's, and can frustrate jamming by hopping from frequency to frequency many times a second.

Lakehead Amateur Radio Club History Project

Reprinted from MAY 1991

issues of POPULAR COMMUNICATIONS

and MONITORING TIMES .....via

VE3AVS/SWC